

Amendments to the claims

This listing of claims replaces all prior versions and listings of the claims in the application:

- 1-32. (cancelled)
33. (New) A method for sequencing nucleic acid, the method comprising the steps of:
 amplifying nucleic acid obtained from a biological sample;
 hybridizing the amplified nucleic acid to a complementary nucleic acid
sequence to form one or more duplexes;
 adding at least one nucleotide comprising a detectable label to said duplex,
wherein said nucleotide comprises a free 3' hydroxyl and is not a dideoxy
nucleotide;
 identifying said nucleotide comprising said detectable label; and
repeating said adding and identifying steps, thereby to determine the sequence of
said nucleic acid.
34. (New) The method of claim 33, wherein said amplifying step comprises
polymerase chain reaction (PCR) amplification.
35. (New) The method of claim 33, wherein said amplifying step comprises cloning.
36. (New) The method of claim 33, further comprising immobilizing said one or more
duplexes on a substrate.
37. (New) The method of claim 36, wherein said one or more duplexes are
immobilized such that said one or more duplexes are individually optically
resolvable on said substrate.

38. (New) The method of claim 33, wherein said detectable label is an optically-detectable label.
39. (New) The method of claim 38, wherein said optically-detectable label is a fluorescent label.
40. (New) The method of claim 38, wherein said optically-detectable label is a chemiluminescent label.